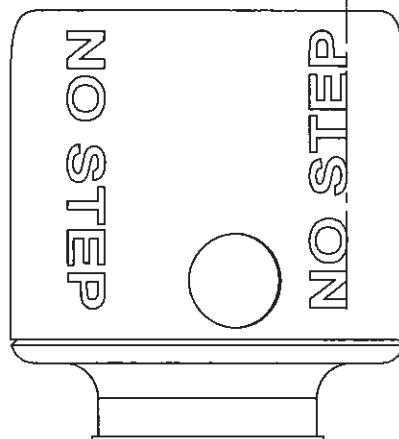
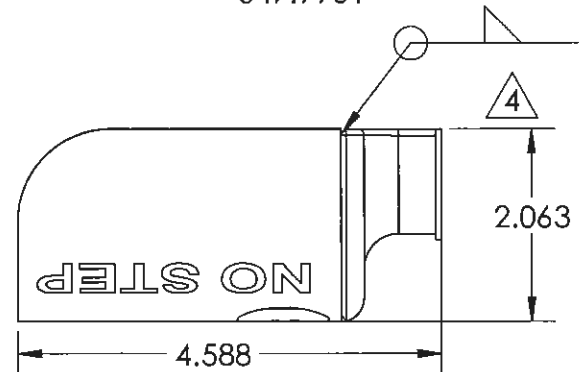
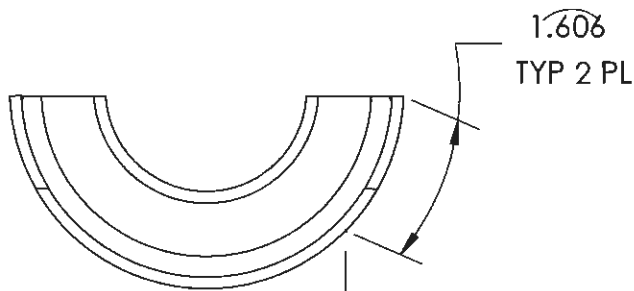
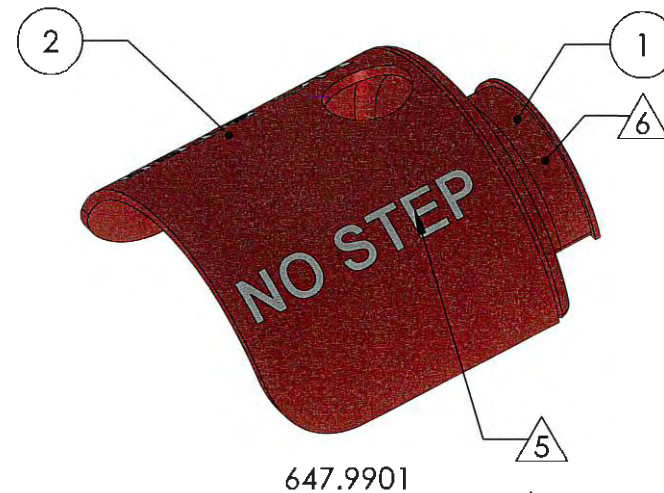
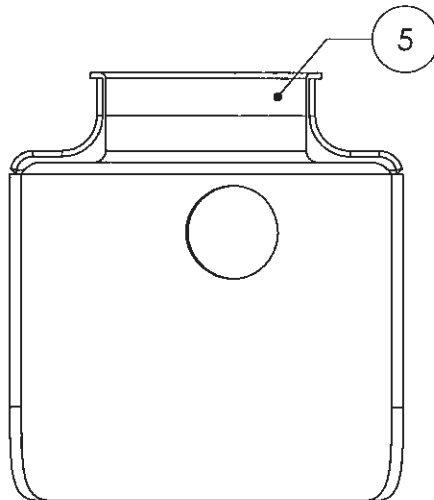


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR3		N/C
N/C	INITIAL RELEASE	05/25/10	P. BRAVO
A	INCORPORATED ECN 06130	12/11/18	P. BRAVO

NOTES:

- 1 MATERIAL: 303 STAINLESS STEEL IAW AMS 5640 OR 17-4PH H1150 IAW AMS 5643
- 2 NON-ZINC, NON-FERROUS PRIMER TIGER DRYLAC 67/70000; POWDERCOAT TIGER DRYLAC SERIES 38 39/30034 COLOR: ROSSO 305 SMOOTH GLOSSY, MIL 6-9 TOTAL
3. WELDS IAW MIL-STD-2219 CLASS 3, TIG WELD WITH FILLER ROD
- 4 GRIND WELD FLUSH WITH SURFACE
- 5 LASER ENGRAVE TEXT, .50" HEIGHT, ARIAL BOLD FONT
- 6 IDENTIFY IAW MPP-120 APPROXIMATELY AS SHOWN LASER ENGRAVE PART NUMBER AND REVISION, 12 PT ARIAL FONT
7. DEBURR AND BREAK ALL SHARP EDGES
- 8 MATERIAL: 601.2969 SILICONE RUBBER, 1/32" THK MCMASTER-CARR P/N 2644T31



1				12	647.9921	CLAMP FITTING	1	
	1			11	647.9920	CLAMP FITTING	1	
1				10	647.9919	RUBBER PAD	8	2.4X.22"
	1			9	647.9918	RUBBER PAD	8	2.2X.46"
1				8	647.9917	COVER	1	
	1			7	647.9916	COVER	1	
		1		6	647.9915	RUBBER PAD	8	2.55X.49"
			1	5	647.9914	RUBBER PAD	8	3.24X.4"
		1		4	647.9913	COVER	1	
		1		3	647.9912	CLAMP FITTING	1	
			1	2	647.9911	COVER	1	
			1	1	647.9910	CLAMP FITTING	1	
X					647.9904	VALVE COVER ASSY		
	X				647.9903	VALVE COVER ASSY		
		X			647.9902	VALVE COVER ASSY		2
			X		647.9901	VALVE COVER ASSY		2
.9904	.9903	.9902	.9901	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 05/04/10	<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE
646.4100		DRAWN BY P. BRAVO	
651.3400		CHECKER D. BARKER	
		DRAWING APPROVAL P. BRAVO 05/04/10	
		CONTRACT NO.	VALVE COVER ASSY
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
		TOLERANCES ARE:	
		2 PLACE DECIMALS ±.010	
		3 PLACE DECIMALS ±.005	SIZE B CAGE CODE 07MZ6 DWG. NO. 647.9900 REV. A
		ANGLES ±.5°	
		SCALE NONE	SHEET 1 OF 11

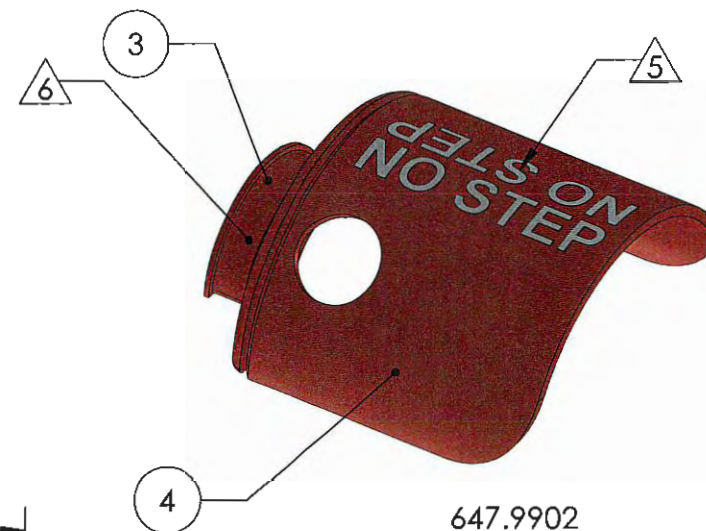
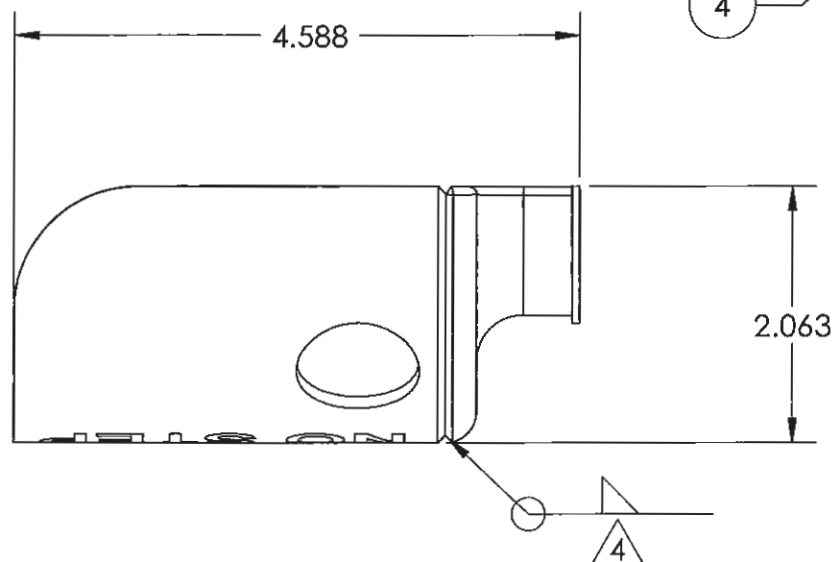
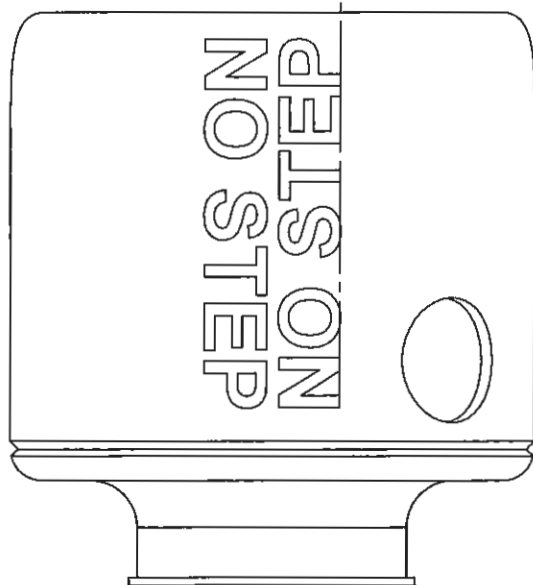
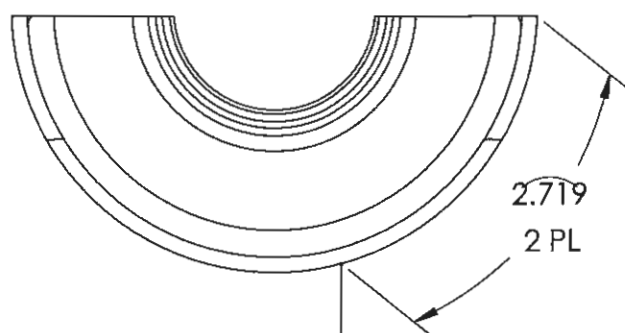
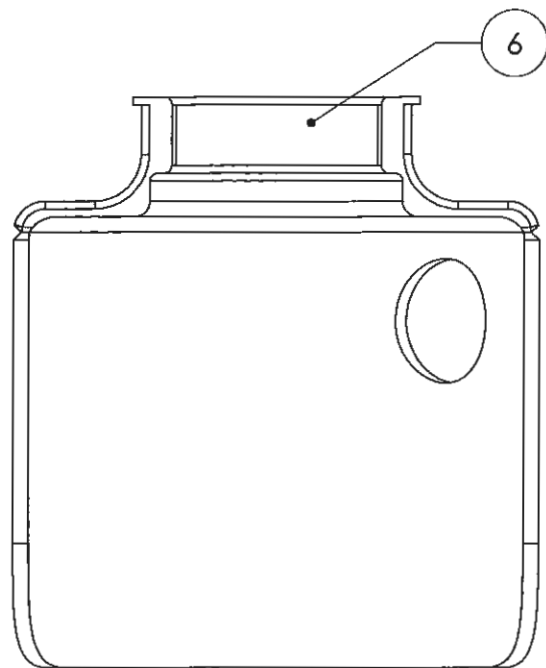
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A

B

C

D



647.9902

ORIGINAL DATE  
(MO-DA-YR) 05/04/10  
DRAWN BY P. BRAVO  
CHECKER D. BARKER  
DRAWING APPROVAL  
P. BRAVO  
05/25/10  
CONTRACT No.

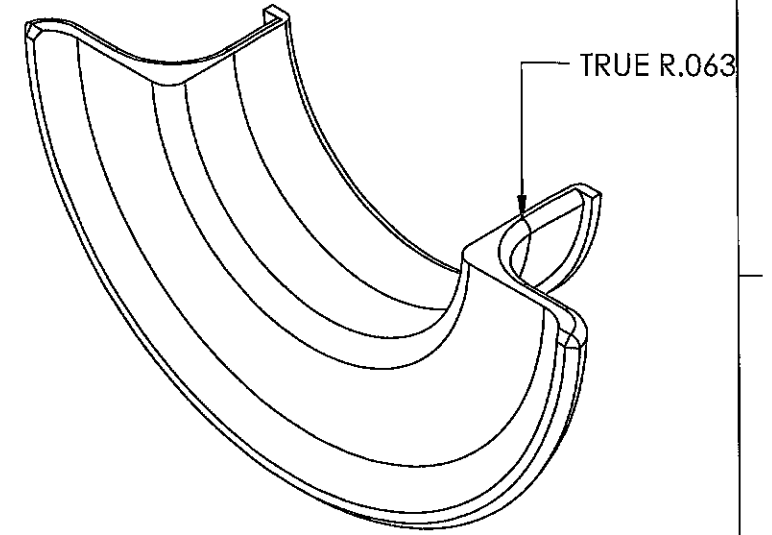
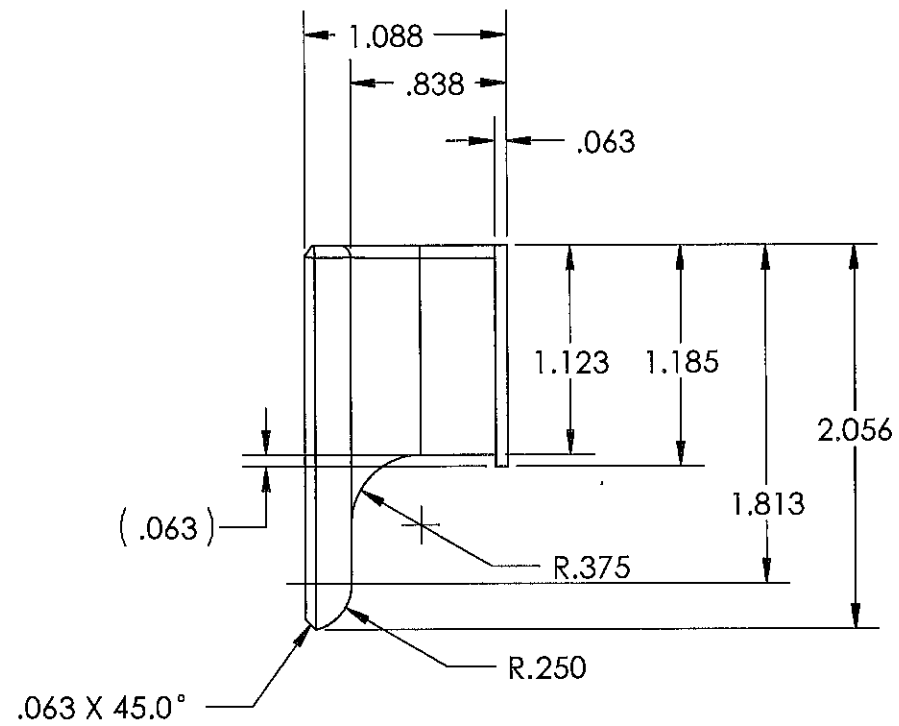
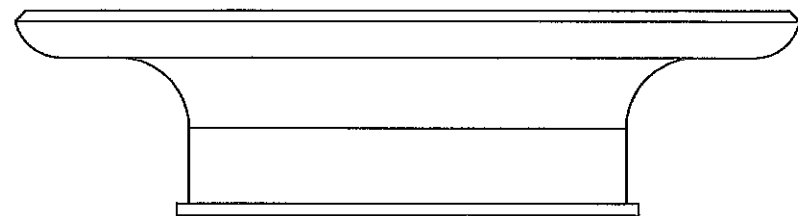
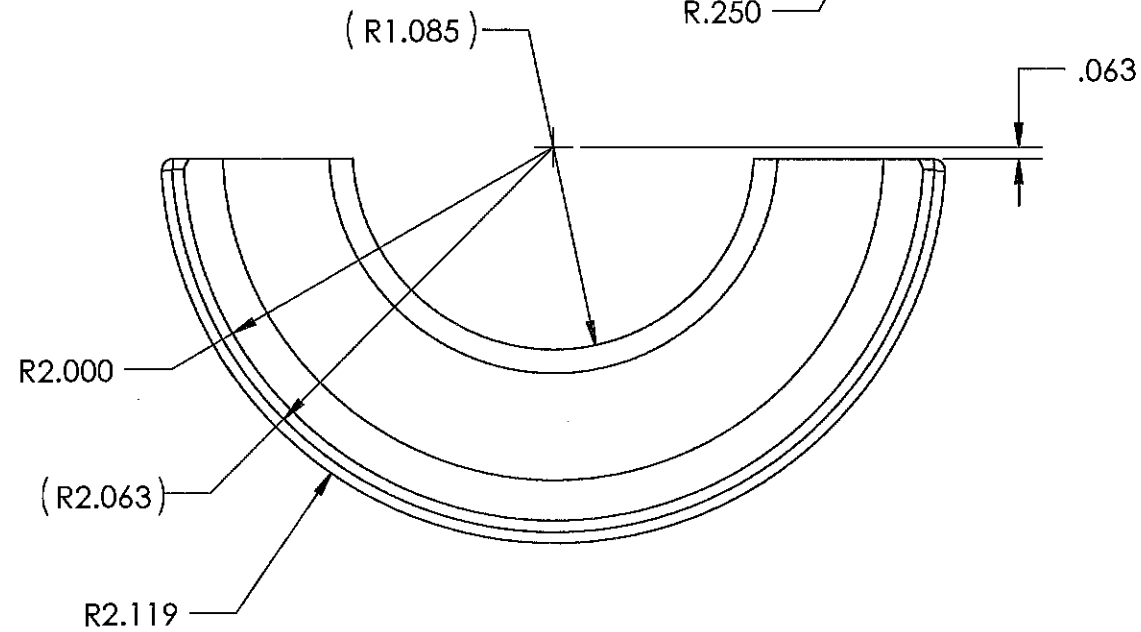
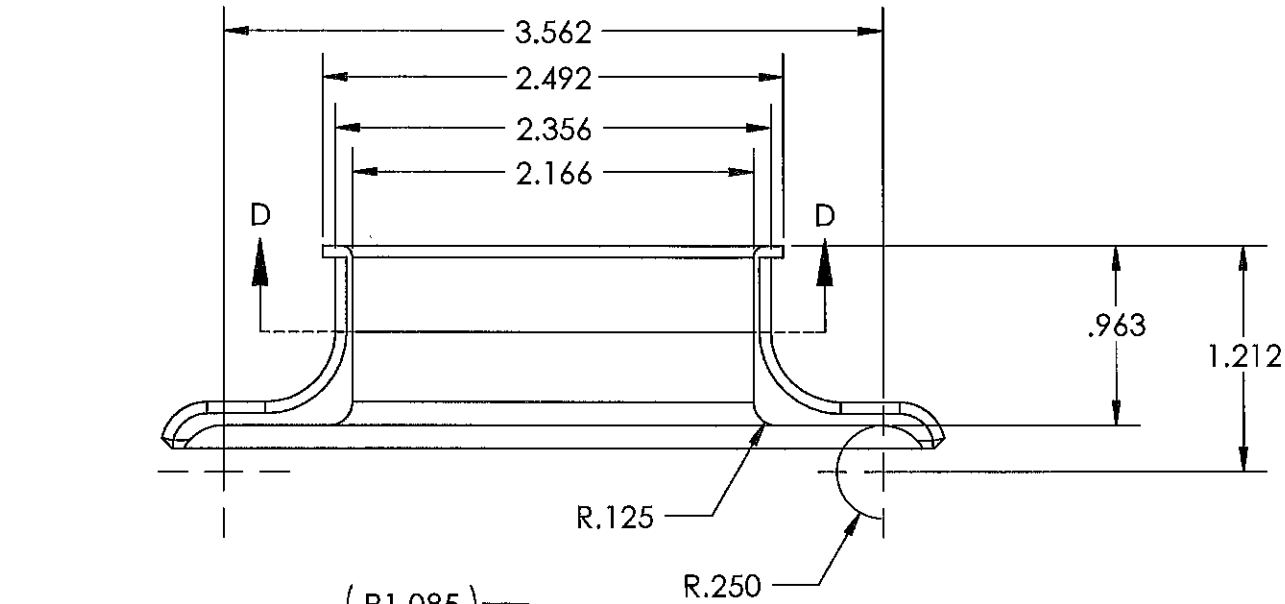
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ±.5°

**DART** AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

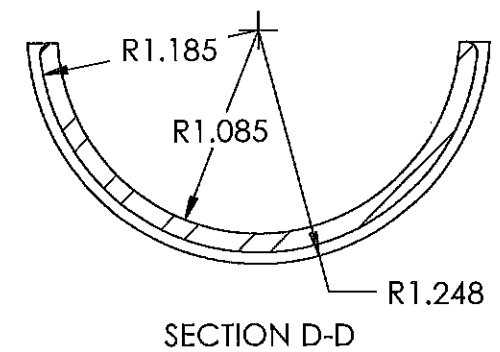
VALVE COVER ASSY

SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.9900	REV. A
SCALE NONE			SHEET 2 OF 11

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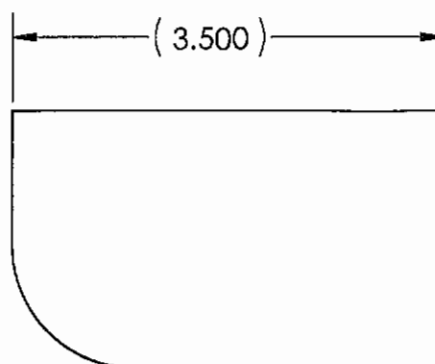
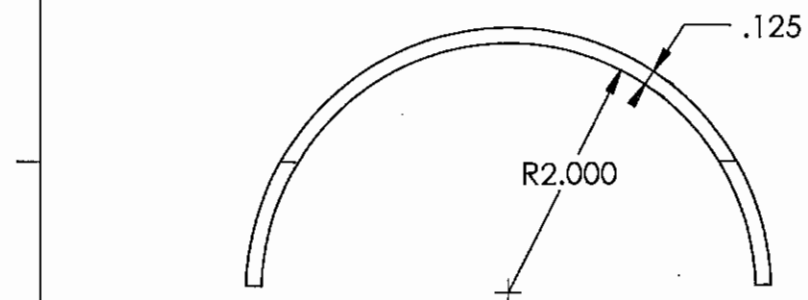
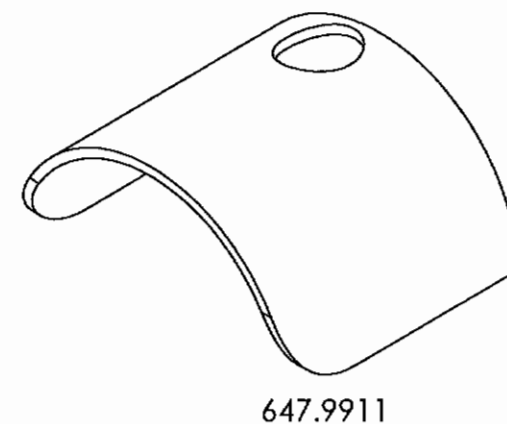
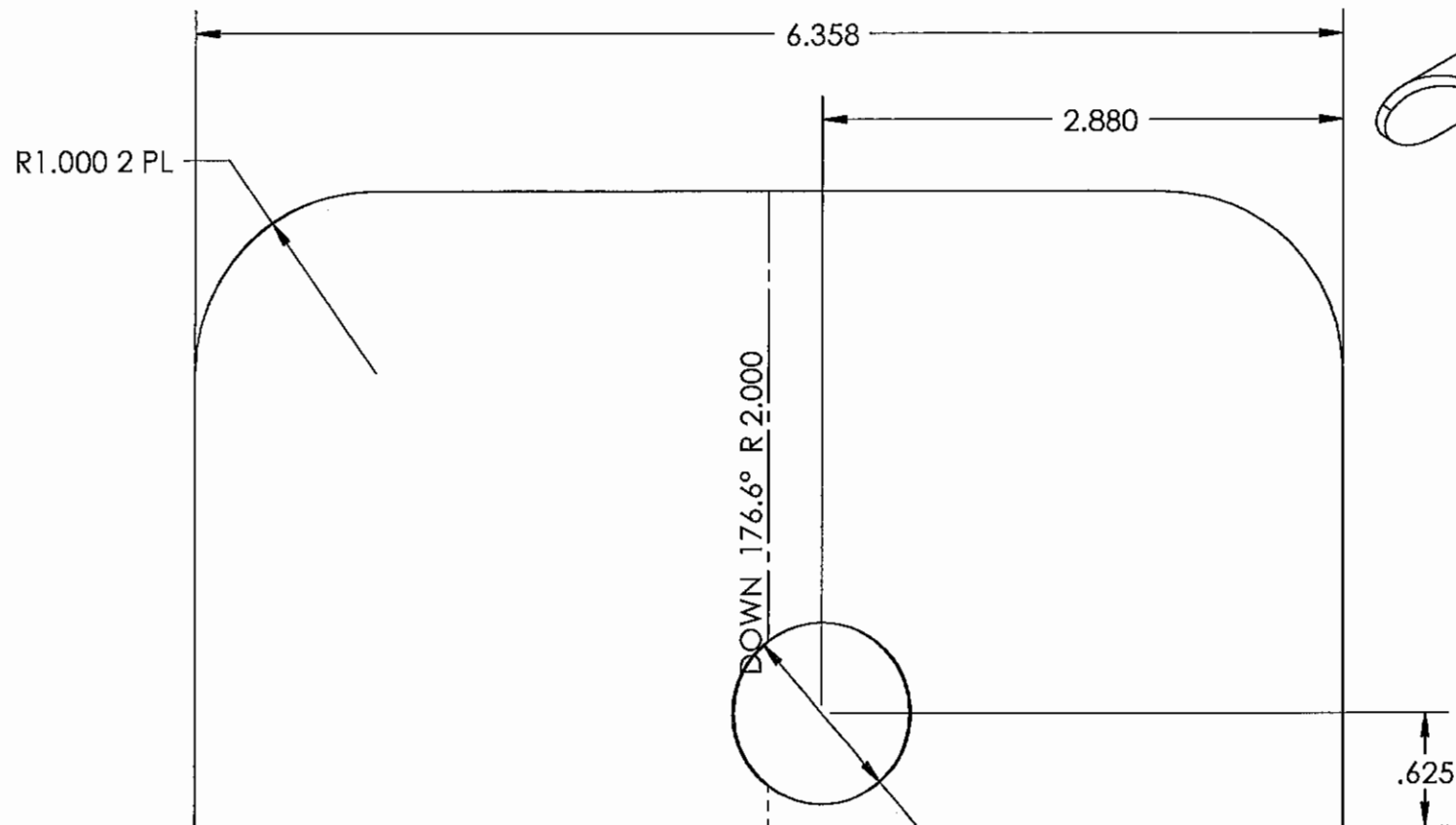
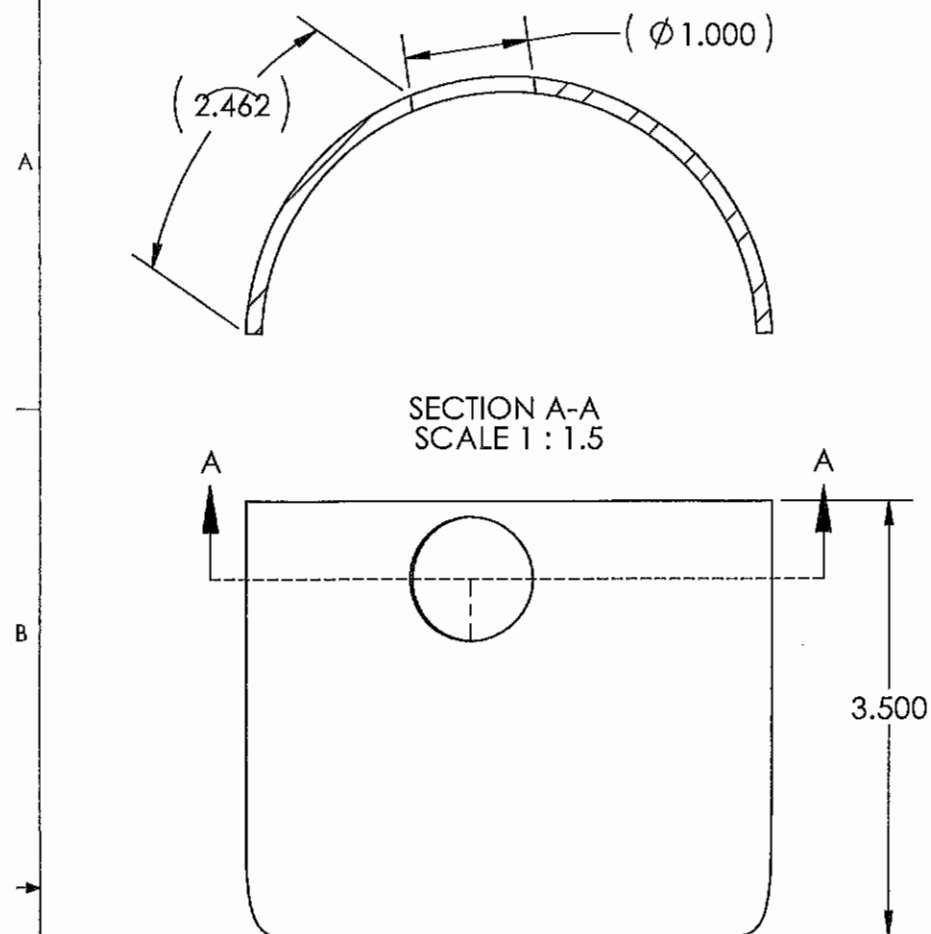


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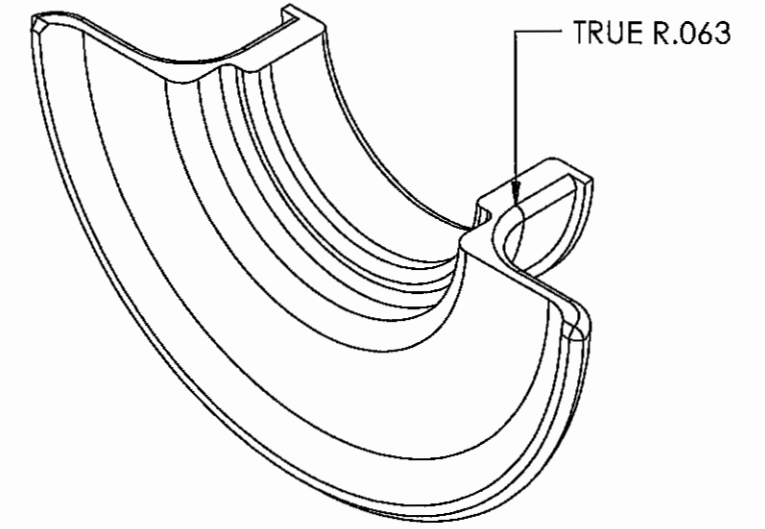
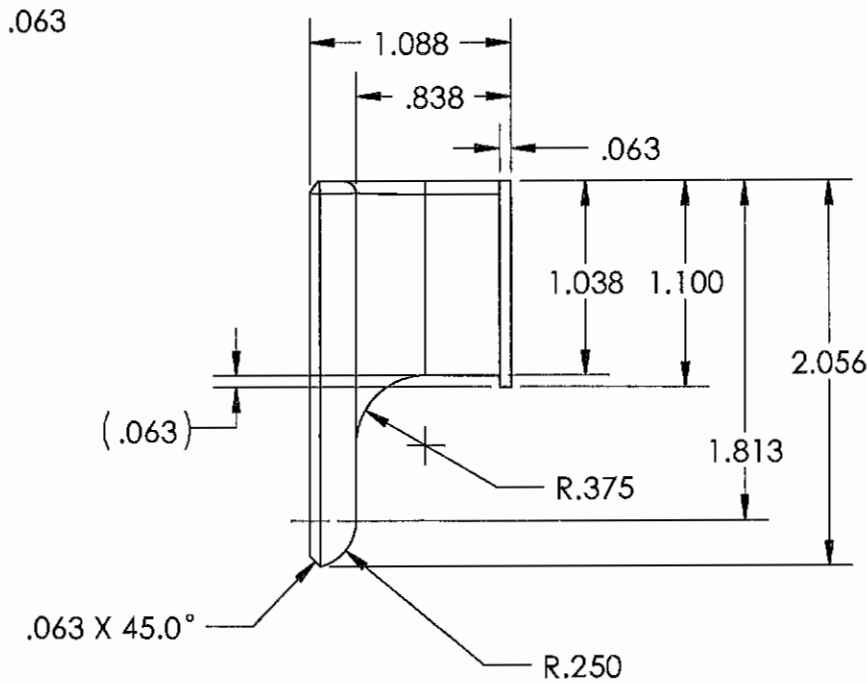
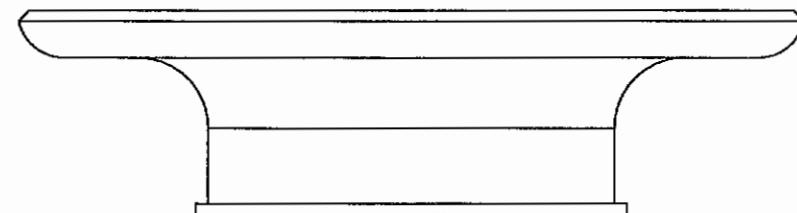
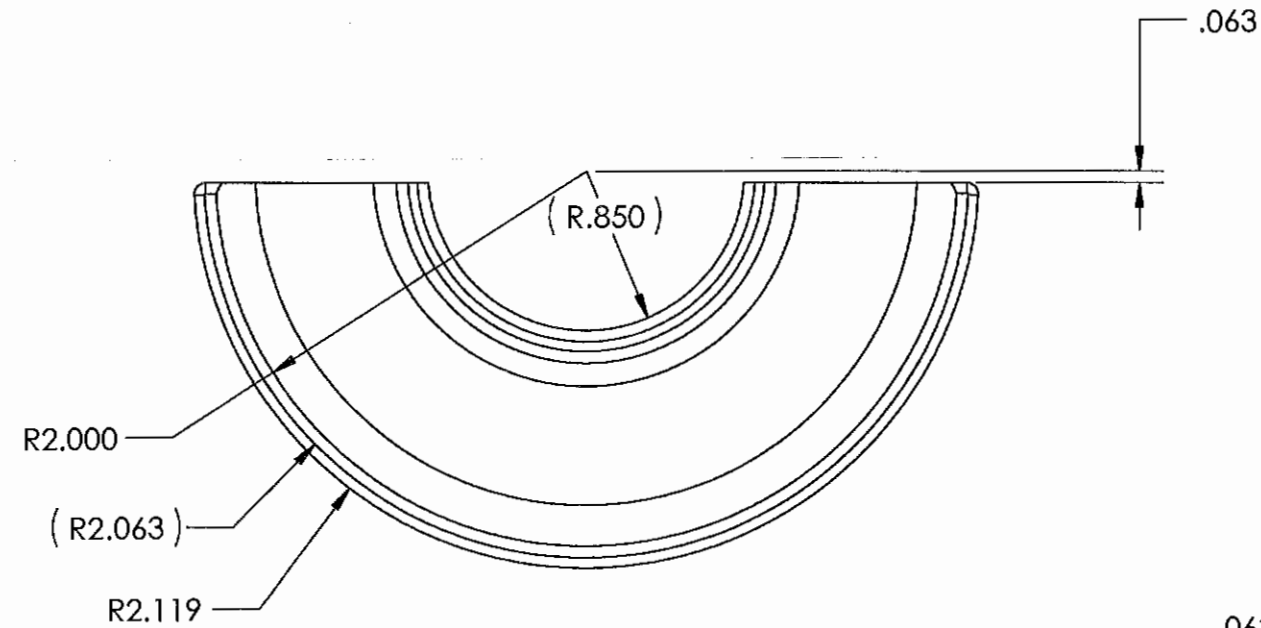
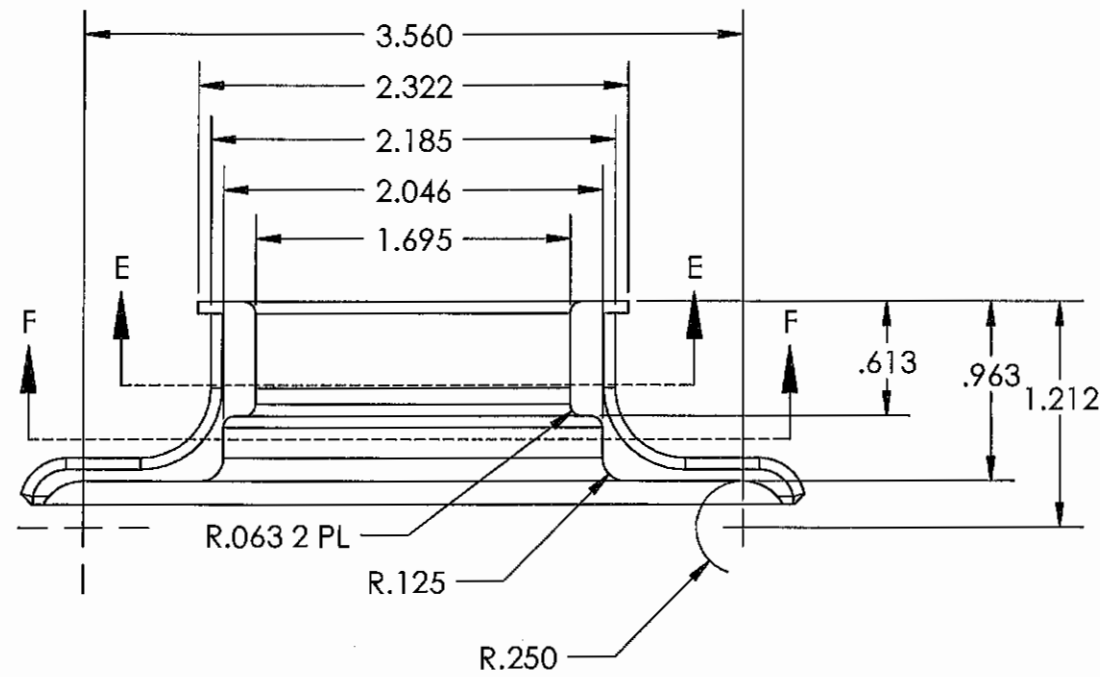
ORIGINAL DATE (MO-DA-YR) 05/04/10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY P. BRAVO	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 05/25/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		VALVE COVER ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. A
		CAGE CODE 07MZ6	DWG. NO. 647.9900
		SCALE NONE	SHEET 3 OF 11

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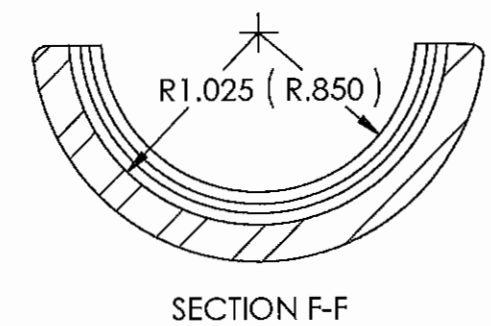
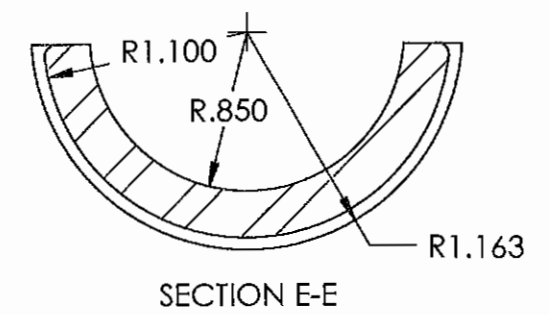


ORIGINAL DATE JMC-DA-YRI 05/04/10		<b>DART</b> 3030 ENTERPRISE CT. SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWN BY P. BRAVO	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 05/25/10		VALVE COVER ASSY DWG. NO. 647.9900 REV. A	
CONTRACT No.		SCALE NONE	SHEET 4 OF 11
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	CAGE CODE 07MZ6

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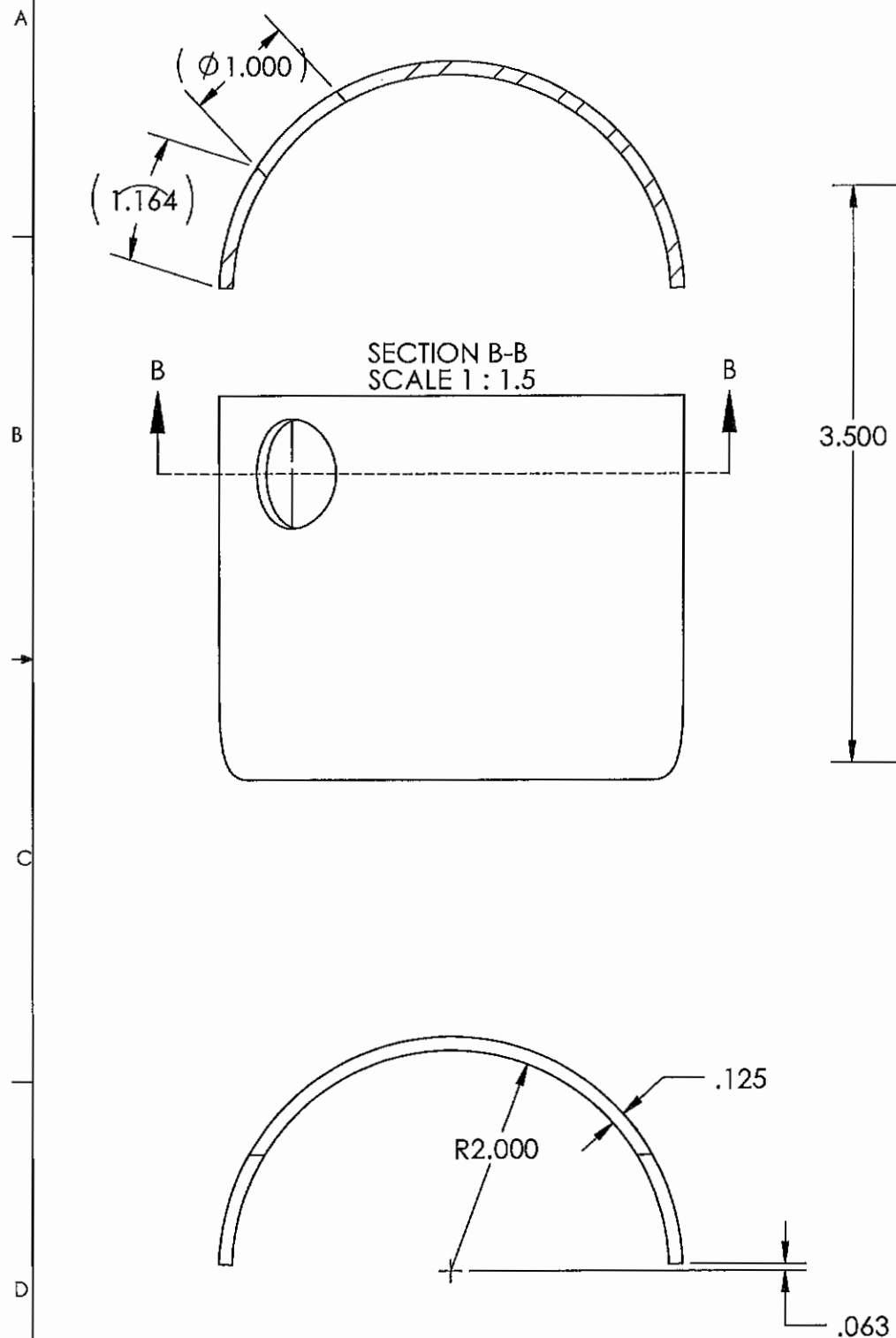
647.9912



ORIGINAL DATE 10/04/10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY P. BRAVO	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 05/25/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		VALVE COVER ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. A
		CAGE CODE 07M26	DWG. NO. 647.9900
		SCALE NONE	SHEET 5 OF 11

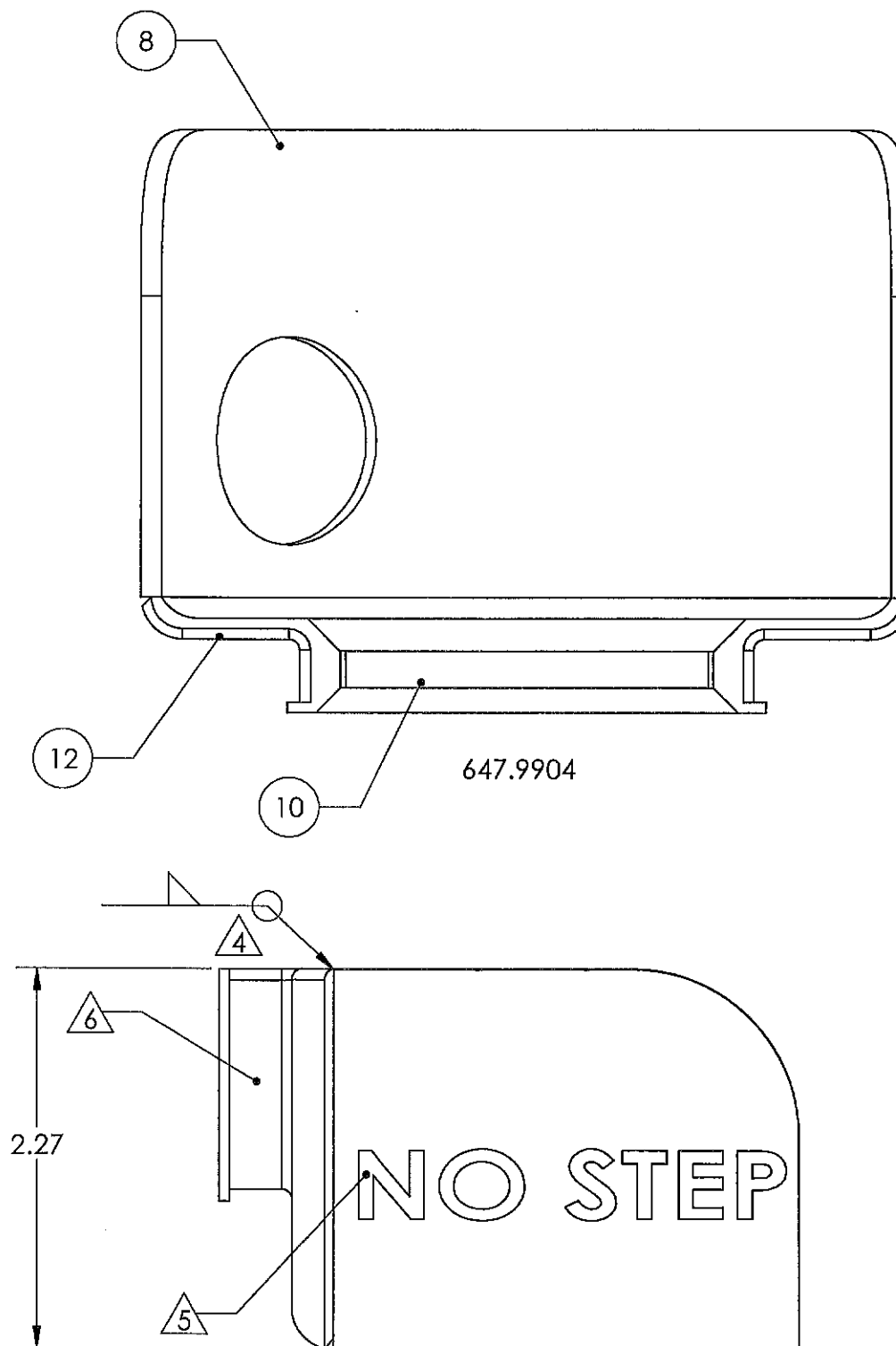
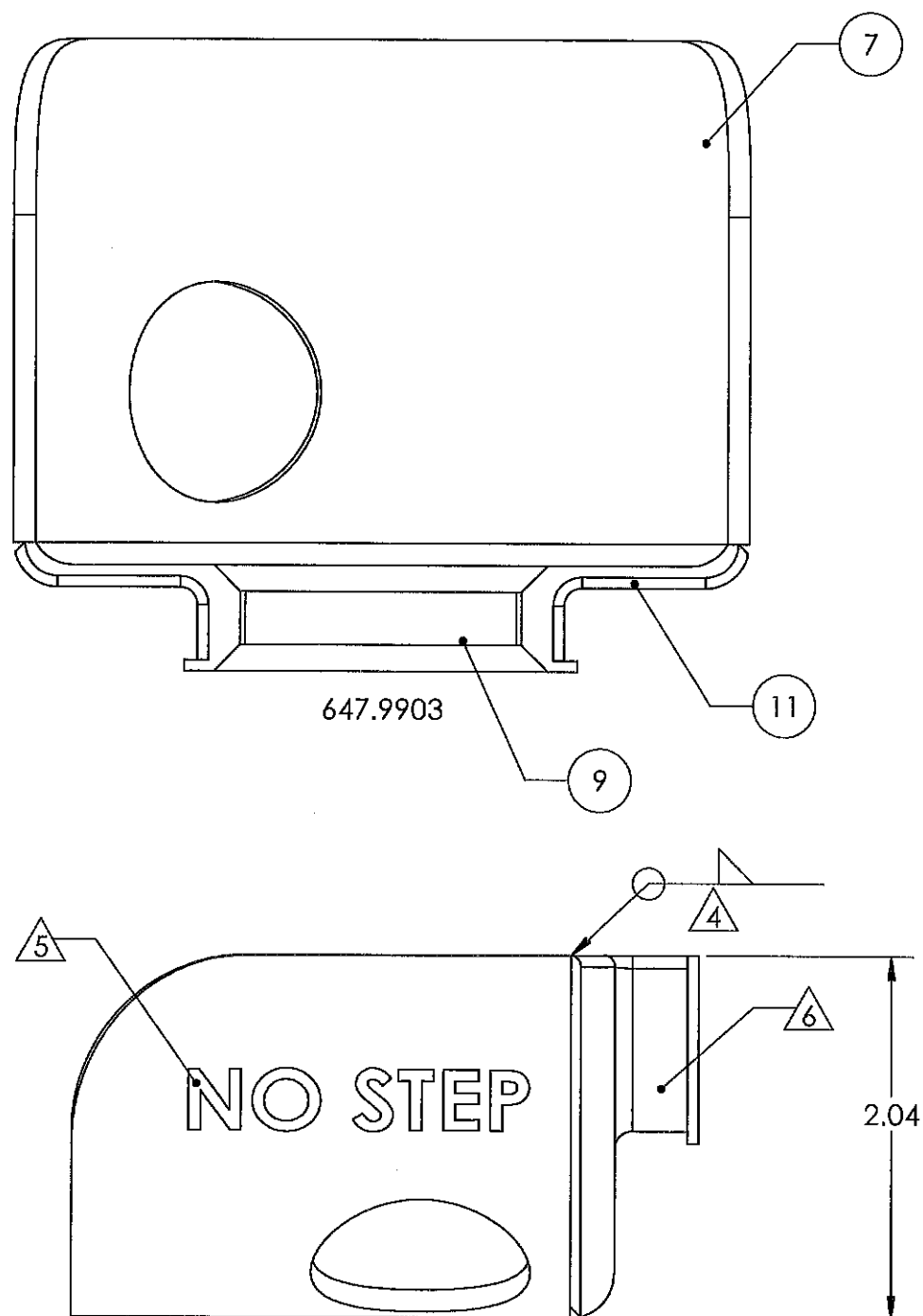


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



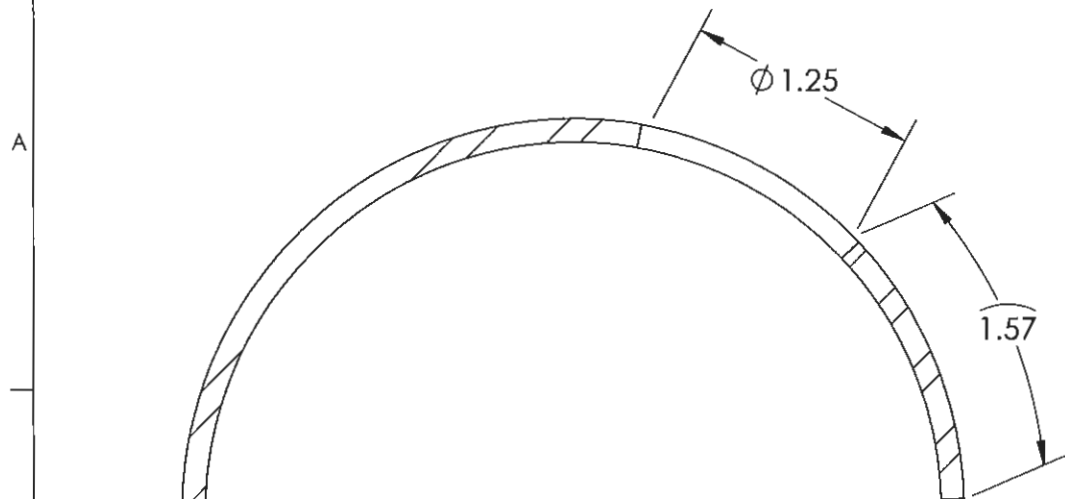
ORIGINAL DATE (MO-DA-YR) 05/04/10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWN BY P. BRAVO	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 05/25/10		VALVE COVER ASSY	
CONTRACT No.		SIZE B	REV. A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.9900
		SCALE NONE	SHEET 6 OF 11

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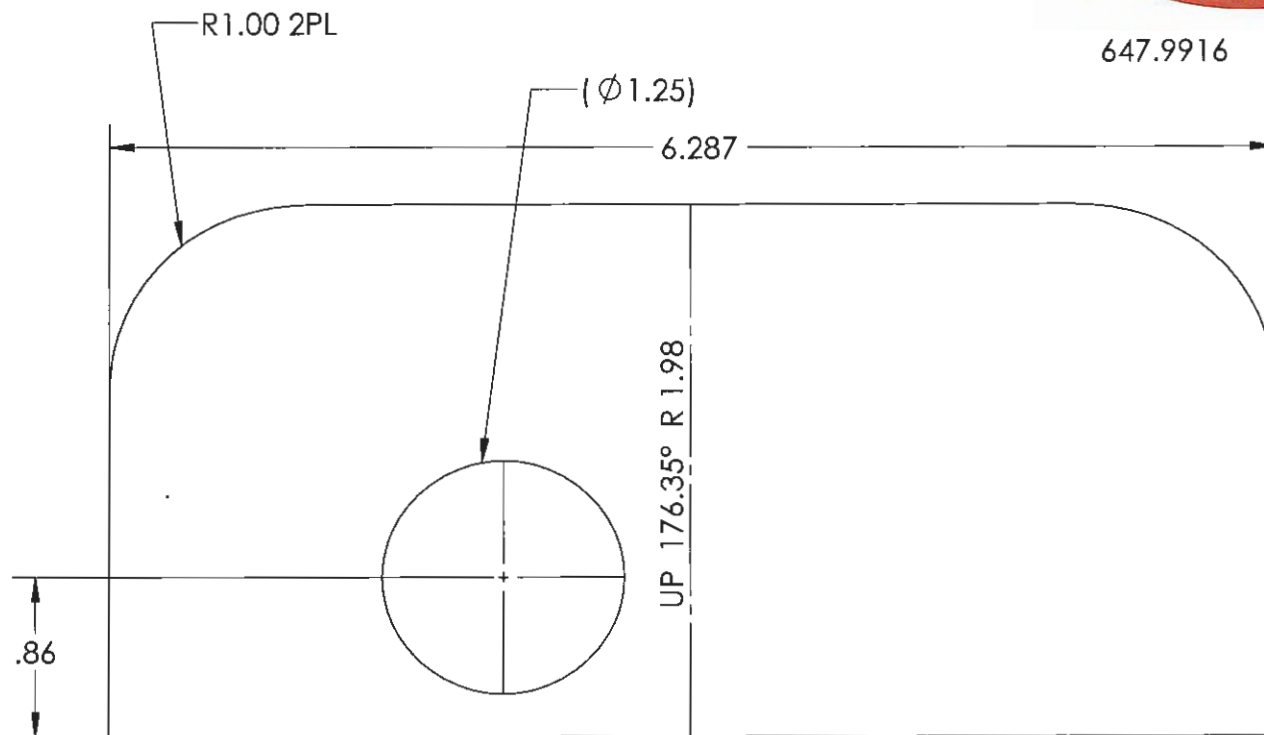
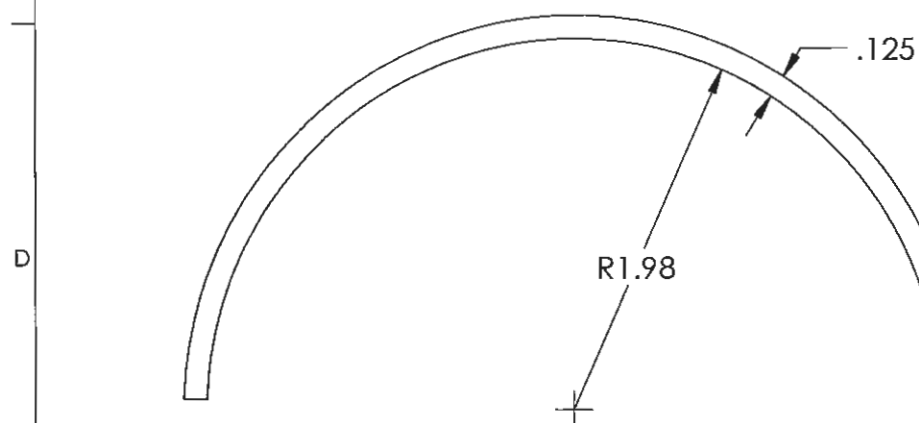
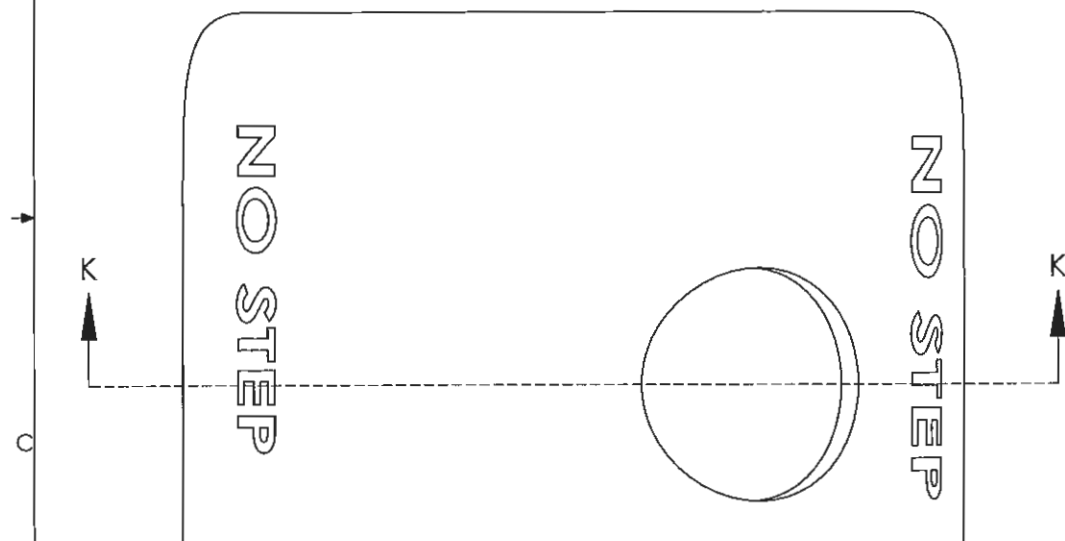


ORIGINAL DATE [MO-DA-YR] 05/04/10		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWN BY P. BRAVO	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 05/25/10		VALVE COVER ASSY	
CONTRACT No.		SIZE B	REV. A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		DWG. NO. 647.9900	SHEET 7 OF 11
		SCALE NONE	

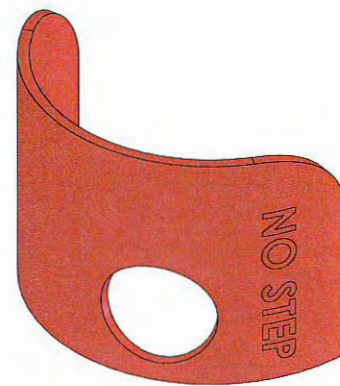
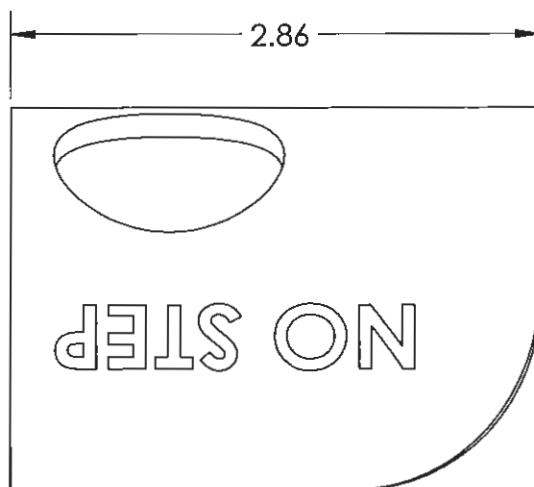
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SECTION K-K



FLAT PATTERN



647.9916

ORIGINAL DATE (MO-DA-YR) 05/04/10  
DRAWN BY P. BRAVO  
CHECKER D. BARKER  
DRAWING APPROVAL P. BRAVO 05/25/10  
CONTRACT No.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ±.5°

**DART** AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT., SUITE A  
VISTA, CA. 92081  
(760)-724-5300

VALVE COVER ASSY

SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.9900	REV. A
SCALE NONE			SHEET 8 OF 11



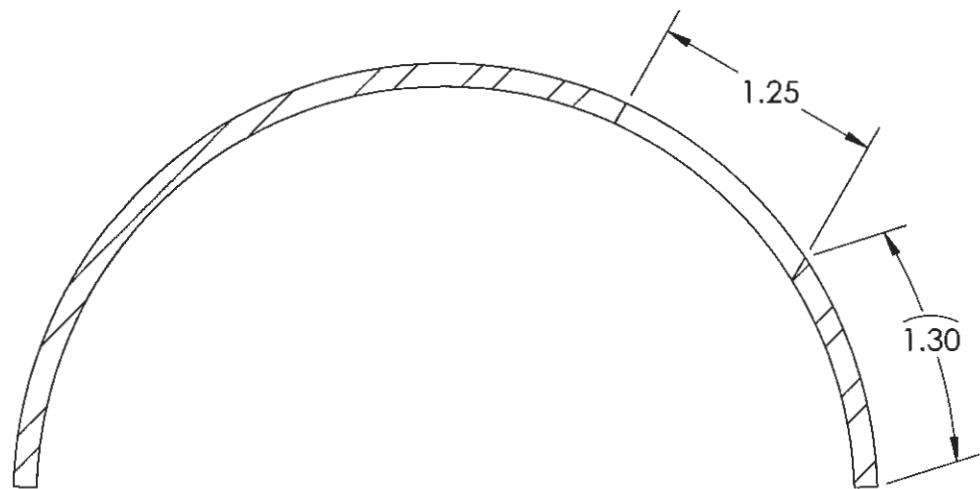
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A

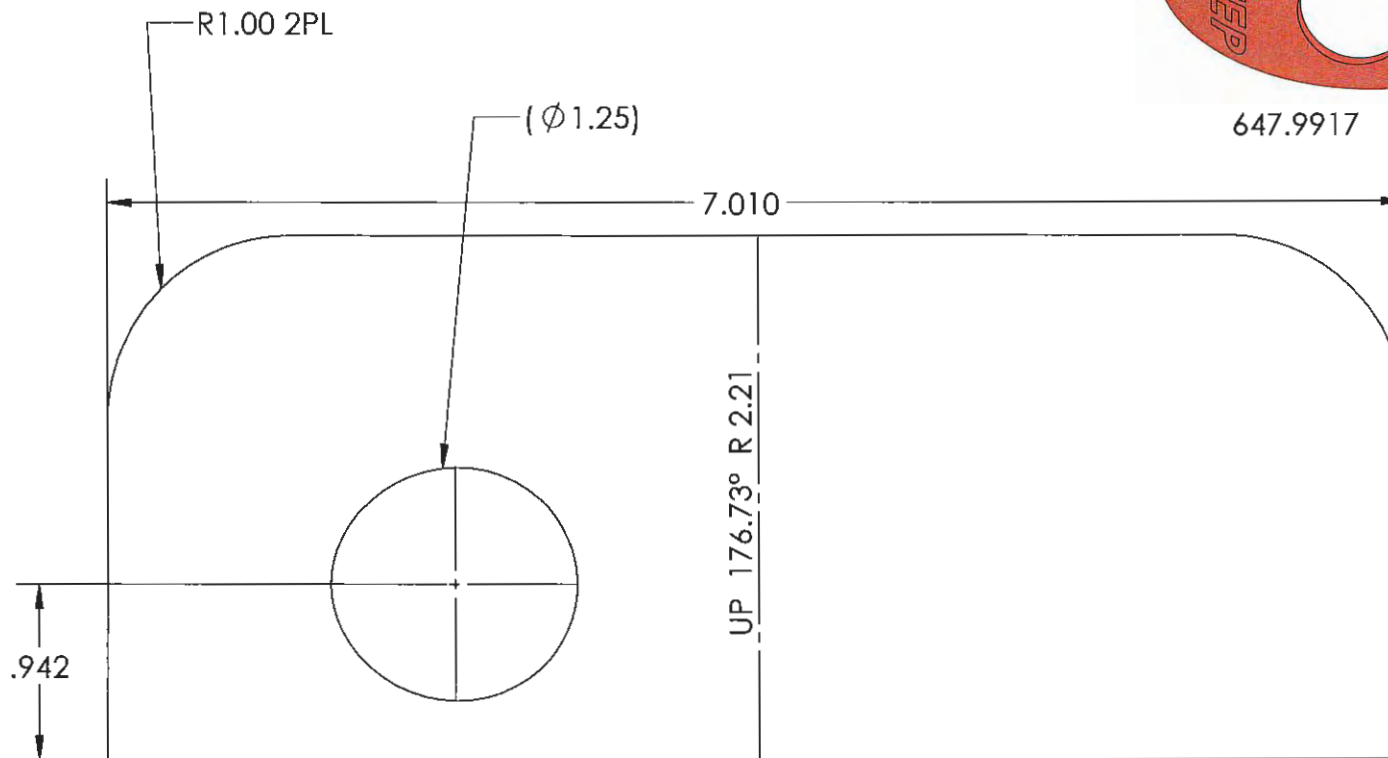
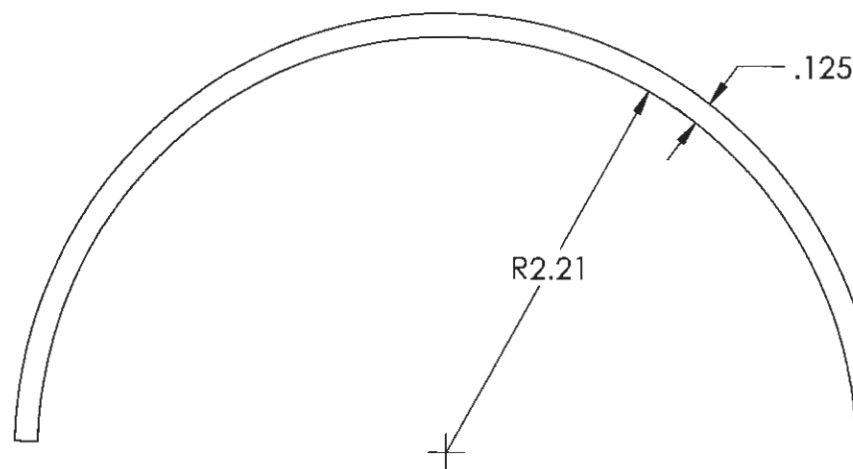
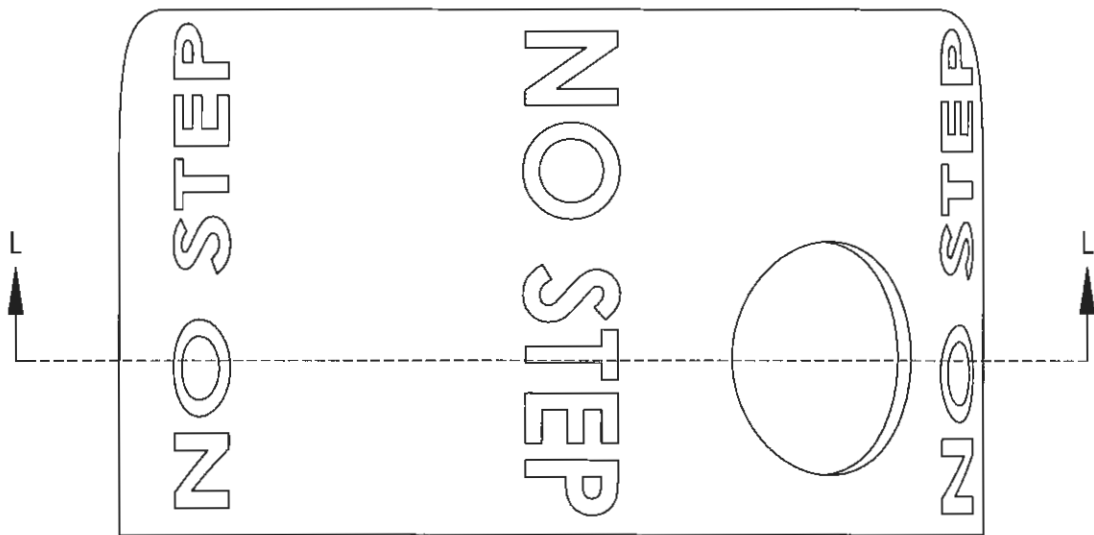
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C

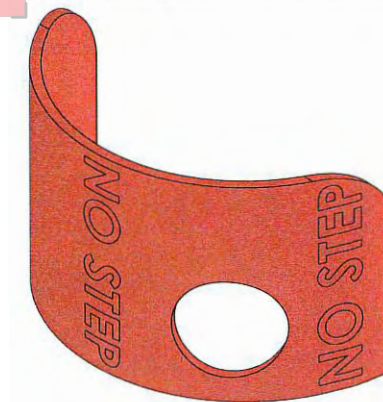
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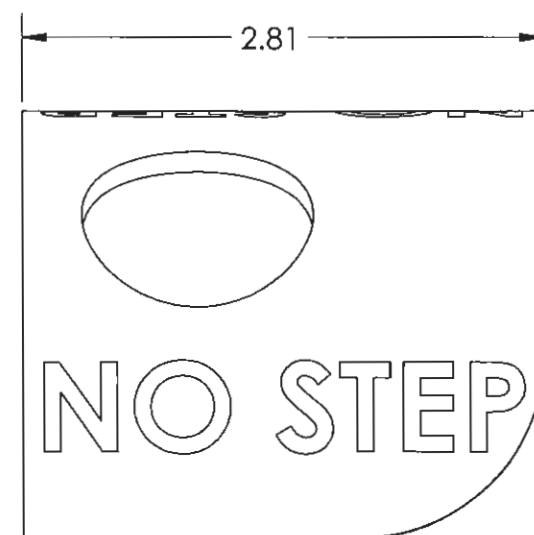
SECTION L-L



FLAT PATTERN



647.9917



ORIGINAL DATE  
(MO-DA-YR) 05/04/10  
DRAWN BY F. BRAVO  
CHECKER D. BARKER  
DRAWING APPROVAL  
P. BRAVO  
05/29/10  
CONTRACT No.

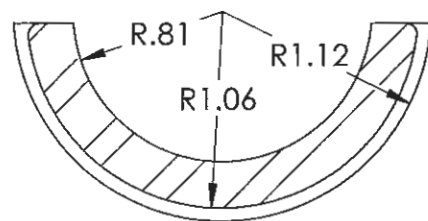
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ± 5°

**DART** AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA, 92081  
(760)-724-5300

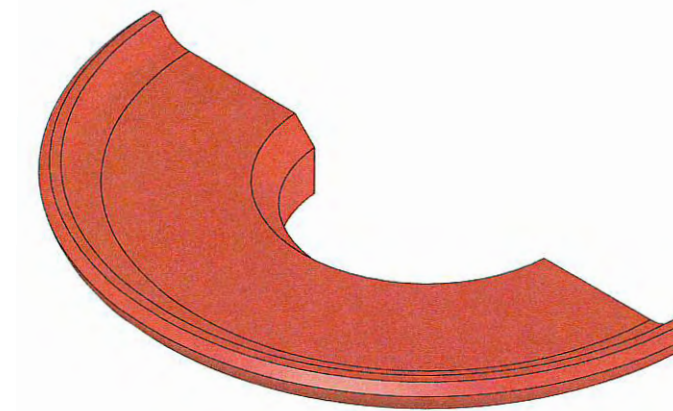
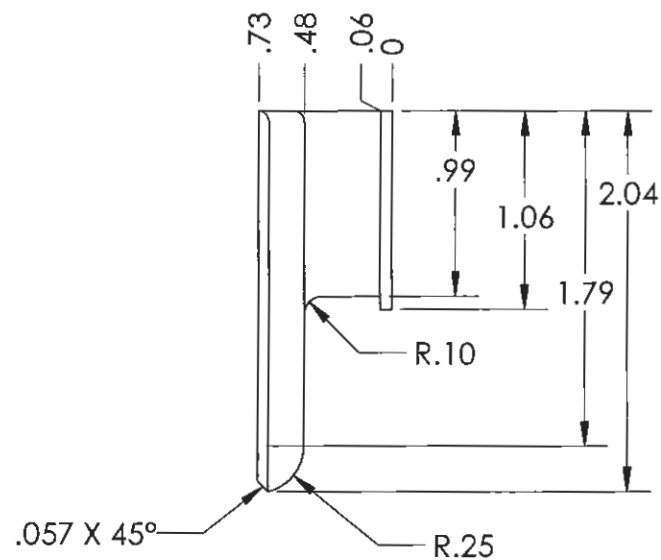
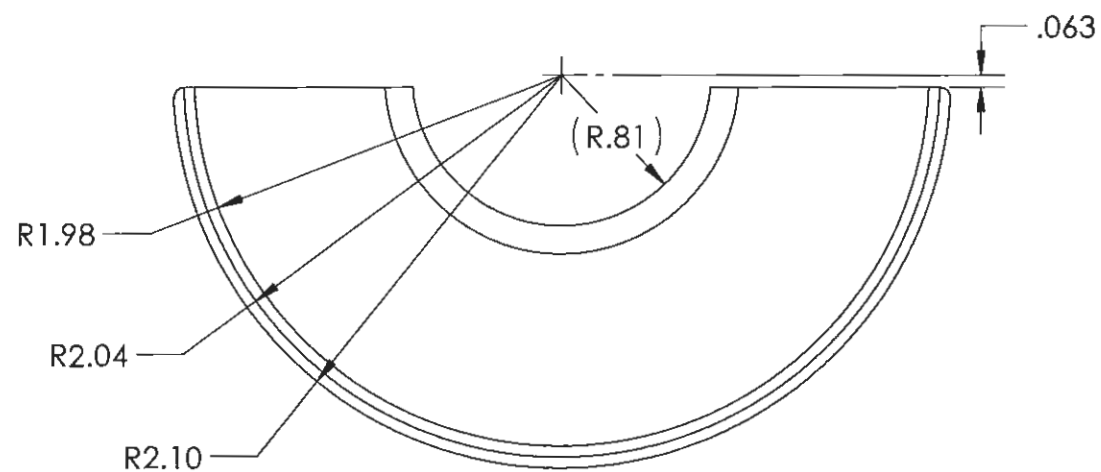
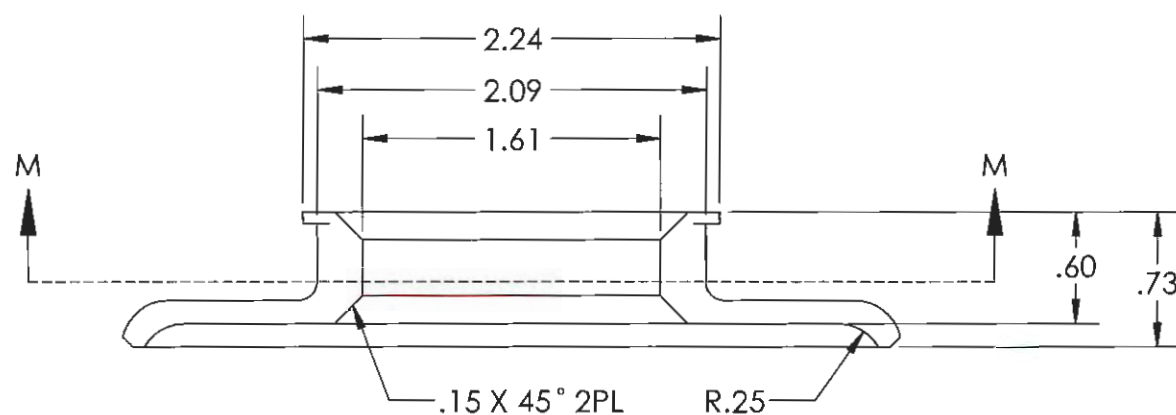
VALVE COVER ASSY

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.9900	A
SCALE NONE			SHEET 9 OF 11

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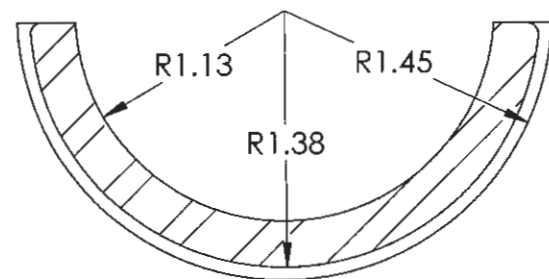
SECTION M-M



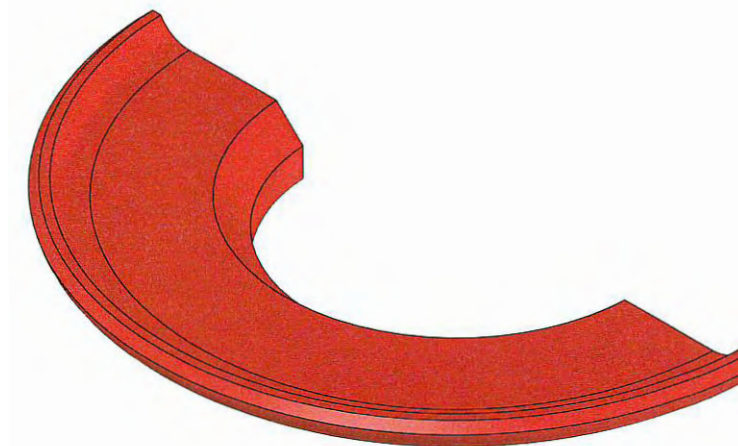
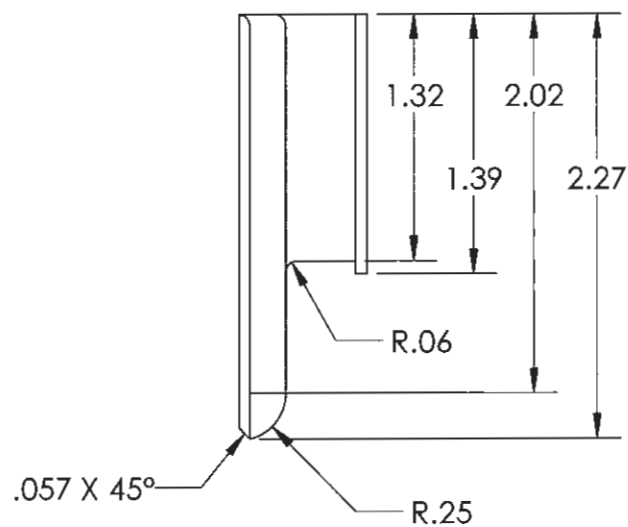
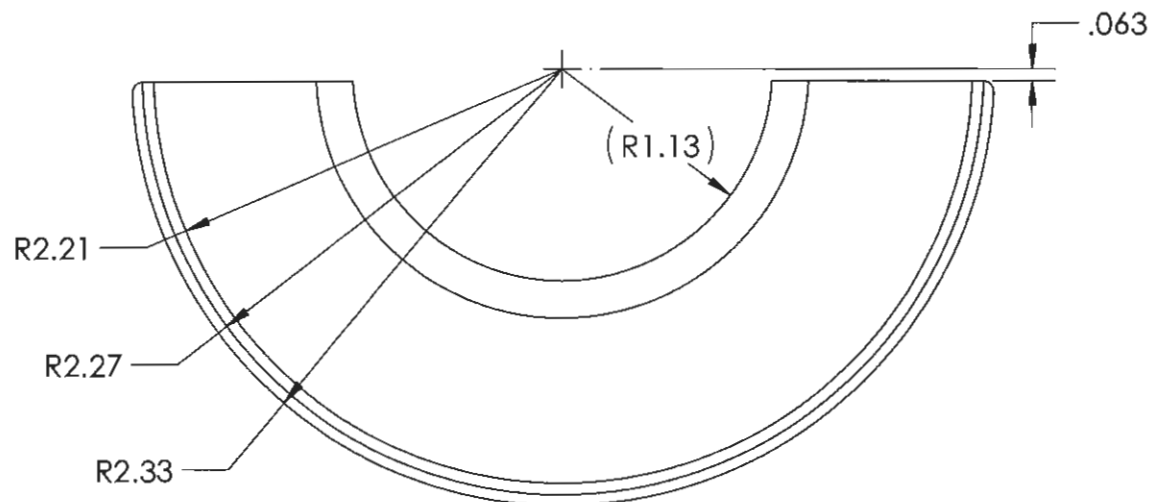
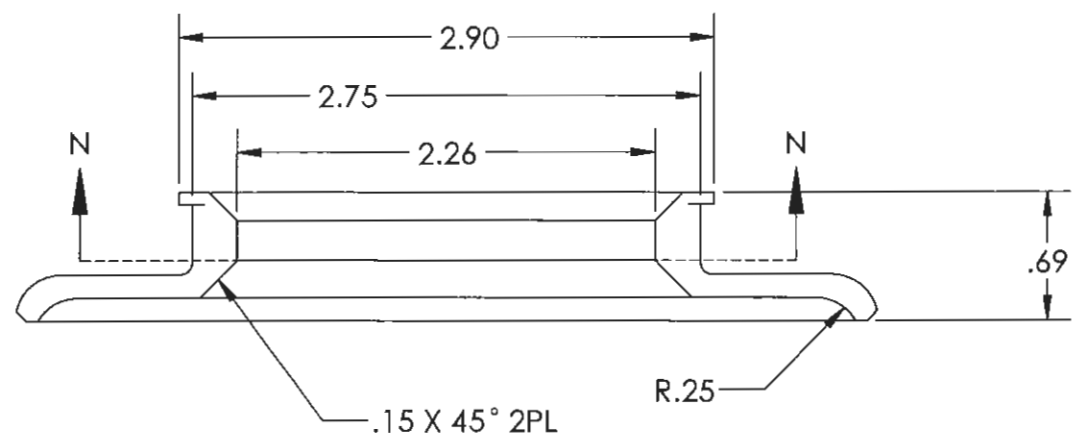
647.9920

ORIGINAL DATE (MO-DA-YR) 05/04/10	CHECKER D. BARKER	<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY P. BRAVO	DRAWING APPROVAL P. BRAVO 05/25/10		
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SCALE NONE		DWG. NO. 647.9900	SHEET 10 OF 11


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